COMMUNITY DEVELOPMENT PERMIT CENTER



UNDERFLOOR FURNACE (M5)

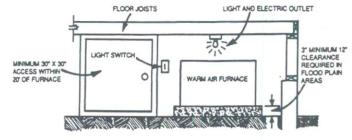
2016 CA MECHANICAL CODE 904.3.1

904.3.1 Under-Floor Installation. Furnaces installed in an under-floor area of the building shall be in accordance with Section 904.3.1.1 through Section 904.3.1.3.

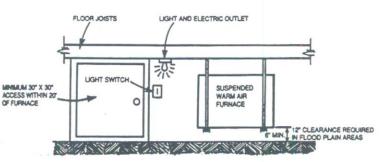
904.3.1.1 Supported by Ground. Where a furnace is supported by the ground, it shall be installed on a concrete slab not less than 3 inches (76 mm) above the adjoining ground level.

904.3.1.2. Supported by Ground. Where a furnace is supported from above, a clearance of not less than 6 inches (152 mm) shall be provided from finished grade.

904.3.1.3 Excavation. Where excavation is necessary to install a furnace, it shall extend to a depth of 6 inches (152 mm) below and 12 inches (305 mm) on all sides of the furnace, except on the service side, which shall have 30 inches (762 mm). Where the depth of the excavation for wither the furnace or passageway exceeds 12 inches (305 mm), walls shall be lined with concrete or masonry 4 inches (102 mm) above the adjoining ground level.



HORIZONTAL FURNACE ON A SLAB



HORIZONTAL FURNACE SUSPENDED FROM FLOOR JOISTS

30x30 MINIMUM ACCESS
20 FEET MAXIMUM DISTANCE FROM ACCESS
30" MINIMUM WORKING SPACE ON CONTROL SIDE
SWITCHED LIGHT
ELECTRICAL OUTLET
POSITIVE ELECTRICAL DISCONNECT
12" MINIMUM CLEARANCE ON ALL SIDES

